

**Abstract**

The invention relates to a method for operating an electronic engraving machine for engraving printing cylinders for rotogravure with an engraving stylus of an engraving element driven by an engraving control signal. For calibration of the engraving control signal, sample cups (10) for prescribed rated tonal values are engraved in a test engraving and their actual dimensions are measured with a mobile measurement device (11) but in place on the printing cylinder (1). In order to avoid a destruction of the measurement device (11), a monitoring device (12, 13, 14) monitors whether the measurement device (11) is on the printing cylinder (1) or not and prevents an engraving start when the measurement device (11) is present on the printing cylinder (1). The identified measured values are wirelessly transmitted from the mobile measurement device (11) to a stationary measured value receiver (17). The monitoring device (12, 13, 14) assures that the wireless transmission of the measured values only ensues during the calibration.

Figure 1